

REVISIONS			
DESCRIPTIONS	BY	DATE	APPROVED

COLOR CODED MAP FOR VALVE LOCATION INSIDE (SEE SPECS)

RAIN GUARD (W.C.S.-RG)
FLUSH W/TOP OF HOUSING.
1/2"x3" GALV. STEEL NIPPLE
AND ELBOW W/ 1/2" FLOOR
FLANGE BOLTED TO HOUSING

CONNECT WIRES FROM
RAIN GUARD TO MASTER
VALVE OR PUMP START
POWER POST

(USE VANDAL PROOF
ENCLOSURE-W.C.S. RG VR)

AUTOMATIC CONTROLLER UNIT
SECURE HOUSING ON CONCRETE
FOOTING WITH GALV. "J" BOLTS
(TYP. 2 PLACES)

ALL WIRES SHALL BE TIED
INSIDE HOUSING

ON-OFF SWITCH TO BE PROVIDED
BY CONTRACTOR (IF BREAKER IS
NOT LOCATED NEAR CONTROLLER)

CONCRETE FOOTING - INSTALL 3"
MIN. ABOVE FINISH GRADE AND
SLOPE CONCRETE AT 2% TO DRAIN

ELECTRICAL CONDUIT TO SOURCE
TO BE PROVIDED BY DEVELOPER

6" MIN.

12 GAUGE BARE
COPPER WIRE

BRASS GROUNDING
ROD CLAMP

GROUNDING ROD
5/8"x8" COPPER
CLAD

ELECTRICAL TAPE-TAPE WRING
AT INTERVALS OF 12' O.C.

1 CONTROL WIRE TO EACH R.C.V

1 COMMON WIRE TO ALL R.C.V.'S

ADDITIONAL COMMON WIRE TO ALL
R.C.V.'S (SEE MOISTURE SENSOR DETAIL)

FINISH
GRADE

8"

3/4" CONDUIT

2" CONDUIT-LONG
SWEEP ELBOW

NOTES:

1. COMMON WIRE TO BE WHITE & CONTROL WIRE TO BE BLACK IN COLOR UNLESS OTHERWISE NOTED.
2. NO SPLICES SHALL BE MADE BETWEEN CONTROLLER & REMOTE CONTROL VALVE UNLESS OTHERWISE APPROVED.
3. CONTROL WIRING SEQUENCE CORRESPONDS TO OPERATING SEQUENCE OF REMOTE CONTROL VALVES & AUTOMATIC SPRINKLER UNIT STATION CONNECTION-SEE IRRIGATION PLAN FOR CORRECT VALVE SEQUENCE.
4. WHEN USING RAIN GUARD LOCATE CONTROLLER IN A WAY NOT TO BE SPRAYED BY SPRINKLER.

DRAWN BY:
C.A.C.

DESIGNED BY:

DATE:
4/18/94

FILE NAME:
PR-L-2.DWG

CITY OF PASO ROBLES
ENGINEERING DIVISION

DRAWING NO.

TYPICAL AUTOMATIC CONTROLLER

L-2